

Some exponents

$$x^2 = 4$$

$$x^2 x = 9$$

$$(x^2)^2 = 16$$

$$2x^2 = 8$$

$$x^{\frac{1}{2}} x^{\frac{3}{2}} = 4$$

$$x^{\frac{1}{2}} = 3$$

$$\sqrt{x} = 4$$

$$(x^2)^{\frac{1}{2}} = 2$$

$$\frac{1}{x} = \frac{1}{10}$$

$$x^{-1} = \frac{1}{10}$$

$$x^{-2} = 0.25$$

$$\frac{x}{x^2} = \frac{1}{10}$$

Some exponents

$$(x^2)^{\frac{1}{2}} = (4)^{\frac{1}{2}}$$

$$x = 2$$

$$x^2 \cdot x = 9$$

$$(x^3)^{\frac{1}{3}} = (9)^{\frac{1}{3}}$$

$$x \approx 2.08$$

$$(x^2)^2 = 16$$

$$(x^4)^{\frac{1}{4}} = (16)^{\frac{1}{4}}$$

$$x = 2$$

$$\frac{1}{2} (2x^2) = (8)^{\frac{1}{2}}$$

$$(x^2)^{\frac{1}{2}} = (4)^{\frac{1}{2}}$$

$$x = 2$$

$$x^{\frac{1}{2}} x^{\frac{3}{2}} = 4$$

$$x^{\frac{4}{2}} = 4$$

$$(x^2)^{\frac{1}{2}} = (4)^{\frac{1}{2}}$$

$$x = 2$$

$$(x^{\frac{1}{2}})^2 = (3)^2$$

$$x = 9$$

$$\sqrt{x} = 4$$

$$(x^{\frac{1}{2}})^2 = (4)^2$$

$$x = 16$$

$$(x^2)^{\frac{1}{2}} = 2$$

$$x = 2$$

$$\frac{1}{x} = \frac{1}{10}$$

$$\left(x^{-1}\right)^{-1} = \left(\frac{1}{10}\right)^{-1}$$

$$x = 10$$

$$\left(x^{-1}\right)^{-1} = \left(\frac{1}{10}\right)^{-1}$$

$$x = 10$$

$$\left(x^{-2}\right)^{-\frac{1}{2}} = \left(0.25\right)^{-\frac{1}{2}}$$

$$x = 2$$

$$\frac{x}{x^2} = \frac{1}{10}$$

$$\left(x^{-1}\right)^{-1} = \left(\frac{1}{10}\right)^{-1}$$

$$x = 10$$